INFOR	MATION DISC	CLOSURE CI	FATION 	WITH DOCUMENT			
Submitted by: General Motors Corporation				Atty. Docket No. GP-304543	Seri 	al No.	
				Applicant Madhusudan Raghavan, et al.			
				Filing Date Group			
		U.S.	PATENT	DOCUMENTS			
Exam. Init.	Document Number	Date	Name		Class	Sub Class	Filing Date (if approp.)
	4,070,927	1/31/1978	Polak		475	286	
	4,709,594	12/1/1987	Maeda		475	280	
	5,106,352	4/21/1992	Lepellet	ier	475	280	
	5,385,064	1/31/1995	Reece		74	331	
	5,497,867	3/12/1996	Hirsch, e	et al.	192	48.91	
	5,560,461	10/1/1996	Loeffler		192	53.32	
	5,599,251	2/4/1997	Beim, et	al.	475	275	
	5,641,045	6/24/1997	Ogawa,	et al.	192	53.341	
			FOREIG	N PATENT DOCU	MENTS		
	Document Number	Date	Country	y	Class 	Subclass	Translation Yes No
	JP 09-126283	05/13/1997	Japan		F16H	3/62	
	1				l	<u> </u>	
	1	l	l		l	1	
	OTHER DOC	UMENTS (Inc	luding Au	thor, Title, Date, Pe	rtinent Page	es, Etc.)	
Examin	 		Date Consi	dered			
Draw 1		tion if not in c		ther or not citation ce and not considere			

Form PTO-FB-A820 (also PTO-1449) Patent & Trademark Office-US Dept. of Commerce

INFOF	RMATION DIS	SCLOSURE CI	TATION V	WITH DOCUMENT			
Submi	itted by:			Atty. Docket No. GP-304543	Seri	al No.	
General Motors Corporation			Applicant Madhusudan Raghavan, et al.				
				Filing Date	Gr 	oup	
		U.S	S. PATENT	DOCUMENTS			
Exam. Init.	Document Number	Date	Name		Class	Sub Class	Filing Date (if approp.)
	5,651,435	7/29/1997	Perosky,	et al.	192	219	
	5,975,263	11/2/1999	Forsyth		192	53.32	
	6,053,839	4/25/2000	Baldwin	, et al.	475	281	
	6,071,208	6/6/2000	Koivunen		475	275	
	6,083,135	7/4/2000	Baldwin	, et al.	475	276	
	6,217,474	4/17/2001	Ross, et	al.	475	269	
	6,354,416	3/12/2002	Eo		192	53.341	
	6,375,592	4/23/2002	Takahas	hi, et al.	475	262	
			FOREIG	N PATENT DOCU	MENTS		
	Document Number	Date	Country	y	Class 	Subclass 	Translation Yes No
		1			l	l	
	1						
					ļ		
	OTHER DO	CUMENTS (In	cluding Au	thor, Title, Date, Pe	rtinent Page	es, Etc.)	
					_		
Examin	Examiner Date Consider			dered 			
Draw l		ation if not in o		ther or not citation ce and not considere			

Form PTO-FB-A820 (also PTO-1449) Patent & Trademark Office-US Dept. of Commerce

NFOR	MATION DIS	CLOSURE CI	TATION V	WITH DOCUMEN			
Submi	tted by:			Atty. Docket No. GP-304543	Seria 	al No.	
General Motors Corporation			Applicant Applicant Madhusudan Raghavan, et al.				
				Filing Date	Gr	oup	
		U.S	. PATENT	DOCUMENTS			
Exam. nit.	Document Number	Date	Name 		Class	Sub Class	Filing Date (if approp.)
	6,422,969	7/23/2002	Raghava	n, et al.	475	276	I
	6,425,841	7/30/2002	Haka		475	275	
	6,471,615	10/29/2002	Naraki, d	et al.	475	262	
	6,558,287	5/6/2003	Hayabuchi, et al.		475	271	
	6,623,397	9/23/2003	Raghavan, et al.		360	96.5	
	1				 	 	
	l						
	-		FOREIG	N PATENT DOC	UMENTS		
	Document Number	Date	Country		Class	Subclass	Translation Yes No
			1				
	1						
		1					
	OTHER DOO	CUMENTS (Inc	luding Au	thor, Title, Date, I	Pertinent Page	es, Etc.)	
	 			**			
	<u> </u>						
					·		
xamin	xaminer Date Cons			dered			
)raw li		ation if not in c		ther or not citationse and not conside			

Form PTO-FB-A820 (also PTO-1449) Patent & Trademark Office-US Dept. of Commerce